ELSEVIER

Computers in Industry 47 (2002) 369–370

COMPUTERS IN INDUSTRY

www.elsevier.com/locate/compind

Author index to volume 47

Al-Agtash, S. and N. Al-Fayoumi, A trade server for electricity e-commerce 89
Al-Fayoumi, N. *see* Al-Agtash, S. 89
Aspragathos, N.A., *see* Azariadis, P.N. 357
Azariadis, P.N., A.C. Nearchou and N.A. Aspragathos, An evolutionary algorithm for generating planar developments of arbitrarily curved surfaces 357

Bae, H., and Y. Kim, A document-process association model for workflow management 139
Bahri, P.A., *see* Gu, T. 99
Bernard, R., *see* Lahajnar, F. 113
Bernus, P., *see* Kalpic, B. 299

Chen, M.-C., Roundness measurements for discontinuous perimeters via machine visions 185
Cheung, C.F., *see* Yao, Y. 255
Chi, S.C., *see* Kuo, R.J. 199
Choi, S.H., and S. Samavedam, Modelling and optimisation of Rapid Prototyping 39
Chung, J., and K. Lee, A framework of collaborative design environment for injection molding 319

Devarajan, V., *see* Wang, F. 169

Gabbar, H.A., Y. Shimada and K. Suzuki, Computer-aided plant enterprise modeling environment (CAPE-ModE)—design initiatives 25
Gao, J.X., *see* Sharma, R. 155
Gu, T., and P.A. Bahri, A survey of Petri net applications in batch processes 99

Kalpic, B., and P. Bernus, Business process modelling in industry—the powerful tool in enterprise management 299
Kao, S.S., *see* Kuo, R.J. 199
Kelleher, G., *see* Reyes, A. 123
Kim, Y., *see* Bae, H. 139
Kloypayan, J., and Y.-S. Lee, Material engagement analysis of different endmills for adaptive feedrate control in milling processes 55
Koc, B., and Y.-S. Lee, Non-uniform offsetting and hollowing objects by using biarcs fitting for rapid prototyping processes 1
Kovačič, *see* Lahajnar, F. 113
Kuo, R.J., S.C. Chi and S.S. Kao, A decision support system for selecting convenience store location through integration of fuzzy AHP and artificial neural network 199

Lahajnar, F., Bernard, R., Pernuš F. and Kovačič, S., Machine vision system for inspecting electric plates 113
Lee, K., *see* Chung, J. 319
Lee, W.B., *see* Leong, K.K. 289

PII: S0166-3615(02)00015-5

Lee, W.B., *see* Yao, Y. 255
Lee, Y.-S., *see* Kloypayan, J. 55
Lee, Y.-S., *see* Koc, B. 1
Leong, K.K., K.M. Yu and W.B. Lee, Product data allocation for distributed product data management system 289
Li, J., *see* Yao, Y. 255
Liang, W.-Y., and P. O'Grady, An object-oriented approach to the concurrent engineering of electronics assemblies 239
Lloyd, S., *see* Reyes, A. 123

McCarthy, I., and M. Menicou, A classification schema of manufacturing decisions for the GRAI enterprise modelling technique 339
Menicou, M., *see* McCarthy, I. 339
Mills, J.J., *see* Wang, F. 169

Nearchou, A.C., *see* Azariadis, P.N. 357
Nieva, T., and A. Wegmann, A conceptual model for remote data acquisition systems 215

O'Grady, P., *see* Liang, W.-Y. 239
O'Sullivan, D., Framework for managing business development in the networked organisation 77

Pernuš, S., *see* Lahajnar, F. 113

Reyes, A., H. Yu, G. Kelleher and S. Lloyd, Integrating Petri Nets and hybrid heuristic search for the scheduling of FMS 123

Samavedam, S., *see* Choi, S.H. 39
Sharma, R., and J.X. Gao, A Progressive design and manufacturing evaluation system incorporating STEP AP224 155
Shimada, Y., *see* Gabbar, H.A. 25
Subrahmanyam, S.R., A method for generation of machining and fixturing features from design features 269
Suzuki, K., *see* Gabbar, H.A. 25

Wang, F., J.J. Mills and V. Devarajan, A conceptual approach managing design resource 169
Wegmann, A., *see* Nieva, T. 215

Yao, Y., J. Li, W.B. Lee, C.F. Cheung and Z. Yuan, VMMC: a test-bed for machining 255
Yu, H., *see* Reyes, A. 123
Yu, K.M., *see* Leong, K.K. 289
Yuan, Z., *see* Yao, Y. 255

ELSEVIER

Computers in Industry 47 (2002) 371–372

COMPUTERS IN INDUSTRY

www.elsevier.com/locate/compind

Subject index to volume 47

Adaptive feedrate control 55
Artificial neural network 199
Automated visual inspection 113
Automation 89

Batch processes 99
Biarcs fitting 1
Business development 77
Business process 139
Business process modelling 299
Business process re-engineering 299

CAPE-ModE 25
Classification schema 339
Collaborative design 169, 319
Computer-aided modeling environment 25
Computer-aided process planning 155
Conceptual design 155
Conceptual modeling 215
Concurrent engineering 239
Condition monitoring 215
Constrained optimization 357
Continuous product development 169
Contour smoothing 1
Convenience store (CVS) 199

Data acquisition systems 215
Data allocation model 289
Design 269
Design process 239
Design resource management 169
Design reuse 169
Design validity evaluation 319
Development funnel 77
Dimensions 113
Discontinuous perimeters 185
Discrete event systems 99
Distributed object 319
Domain ontology 339
Doubly-curved surfaces 357
DPDM 289

Electric plates 113
Electricity e-commerce 89
Electronics assembly 239
Embedded systems 215
Enterprise modelling 339

Error back-propagation learning algorithm 199
Error prediction 255

Feature recognition 269
Fixturing 269
Flexible Manufacturing Systems 123
Form document 139

Genetic algorithms 357
GRAI 339

Heuristic search 123
Hollowing 1

Information system engineering 215
Injection mold 319
Intelligent heuristic 185
Internet 289
Internet teams 77

Knowledge management 299

Location selection 199

Machine vision 113, 185
Machining 269
Machining error 255
Manufacturing analysis 155
Manufacturing decisions 339
Material removal volume 55
Modelling 99, 123

NC machining 55
Network-based 319
Networked organisations 77
Non-uniform offsetting 1

Object-oriented approach 239
OODBMS 289

Parameter optimisation 39
PDM 289
Petri Nets 99, 123
Planar development 357
Plant enterprise engineering environment 25
2.5D pocket milling 55
Product data management 155

PII: S0166-3615(02)00016-7

Product data object 289
Project enterprise 299

Rapid prototyping 1, 39
Reference model 299
Remote monitoring systems 215
Roundness measurement 185

Scheduling 99, 123
Simulation 39
Sub-pixel precision 113
Supervisory control 99
Surface topography 255

Teams 77
Trade server 89

Unified modeling language 25

Virtual machining 255
Virtual manufacturing 255
Virtual Prototyping 39

Workflow 139

XML 139